HONDA MOTOR CO., LTD.

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EXECUTIVE ORDER A-023-0325 New Passenger Cars, Light-Duty Trucks and Medium-Duty Vehicles

Pursuant to the authority vested in the Air Resources Board by Health and Safety Code (HSC), Div. 26, Part 5, Chap. 2; and pursuant to the authority vested in the undersigned by HSC Sections 39515 and 39516 and Executive Order G-45-9;

IT IS ORDERED AND RESOLVED: That the following exhaust and evaporative emission control systems produced by the manufacturer are certified as described below. Production vehicles shall be in all material respects the same as those for which certification is granted.

MODE YEAR			Р	VEHICLE TYPE		AUST EMISSION DARD CATEGORY	FUEL TYPE						
2002	2 2HNX	T02.4YB	Р	0-3750 Pounds Loaded Vehicle Weight Light Duty Truck		II" Low Emission Vehicle (LEV II LEV)	Gasoline						
No.		EVAPORATIVE FAMILY (EVAP)		SPECIAL FEATUR EMISSION CONTROL SY		* = not applicable	TWC = 3-way catalytic converter WUTWC = warm-up TWC ADSTWC = adsorber TWC OC = oxidation catalytic converter O2S = oxygen sensor HO2S = heated O2S EGR = exhaust gas recirculation AFS= air fuel ratio sensor PAIR = pulsed AIR MFI = multiport fuel injection SFI = sequential MFI TC/SC = turbo/super charger CAC = charge air cooler OBD (F) / OBD (P) = on-board diagnosis; full / partial compliance (prefix) 2 = parallel (2) (suffix) = series						
1	2HNXR01	30AAB	1		S, AFS, SFI, OBD								
2	*		2										
3	*		3		*								
4	*		4		*								
EVAI No.	P ECS ENGINE No. SIZE (L			VEHICLE MAKES & MODELS		JECT TO SFTP RE UNDERLINED	ABBREVIATIONS:						
1	1	2.4				Honda CR-V (2WD/4	WD)						
*	*	* *		*									
*	*	* *		*									
*		*				*							

The exhaust and evaporative emission standards (STD) and certification emission levels (CERT) for the listed vehicles are as follows. Any debit in the manufacturer's compliance plan for "NMOG Fleet Average" (passenger cars and light-duty trucks) or "Vehicle Equivalent Credit" (medium-duty vehicles) shall be equalized as required. The 50° Fahrenheit standards and CERT levels are listed below or compliance has been met based on the manufacturer's submitted compliance plan in lieu of actual testing.

NMOG FLEET AVERAGE [g/mi]			NMOG [g/mi] @RAF = 0.94		CH4 = methane NMOG = non-CH4 organic gas NMHC = non-CH4 hydrocarbon CO = carbon monoxide NOx = oxides of nitrogen HCHO = formaldehyde PM = particulate matter RAF = reactivity adjustment factor												
CERT	STI	STD		CH4 RAF = *		CO [g/mi]			NOx [g/mi]		HCHO [mg/mi]		PM [g/mi]			Hwy NOx [g/mi]	
0.053	0.06)68		ERT	STD	CERT	STD	CERT		STD	CERT	STD	CER	r s	TD	CERT	STD
	@	50K	0	0.033 0.075		0.9	3.4	0.04		0.05	1	15	*		*	0.01	0.07
K = 1000 miles	@ 1	@ 120K		.047	0.090	1.4	4.2	0	.05	0.07	1	18	•		*	0.03	0.09
	@ 50°F	0°F, 4K		.053	0.150	0.8	3.4	0.	0.03	0.05	1	30	•	-	*	*	*
	[g/mi] °F, 50K		g = q		am milligram	NMHC+NOx [g/mi] (composite)		NM	NMHC+NOx [g/mi] [US06]		CO [g/mi] [US06]			NMHC+NOx [g/mi] [SC03]		CO [g/mi] [SC03]	
CERT	ST	STD		mi = mile		CERT	STD	CE	ERT	STD	CERT	STD	CER	r s	TD	CERT	STD
, 1.8	10.	10.0		@ 4K		*	*	0.03		0.14	0.3	8.0	0.02	0.	.20	0.3	2.7
F = degree	Fahrenhe	ahrenheit		@ 120K		* *			*	*	*	*	•		*	*	*
@ 120K	EVAPORATIVE FAMILY 1				EVAPORATIVE FAMILY 2			ΕV	EVAPORATIVE FAMILY 3			EVAPORATIVE FAMILY 4					
	3-D	2-0	,	RL	ORVR	3-D	2-D	RL	ORVR	3-D	2-D	RL	ORVR	3-D	2-D	RL.	ORVR
CERT	0.9	1.0	,	0.02	0.04	*	*	*	*	*		*	*	*	*	*	*
STD	2.0	2.5	;	0.05	0.20	*	*	*	*	*	*	*	*	*	*	*	*
2-D, 3-D [g	/test] = 2-c	day, 3⊣	day	diurnal a	nd hot-soak	· · · · · · · · · · · · · · · · · · ·	RL [g/mi] =	runnin	ig loss		ORVR [g/ga	illon of fue	l dispense	d] = on-b	oard refu	ueling vapo	r recovery

BE IT FURTHER RESOLVED: That for the listed vehicle models, the manufacturer has attested to compliance with Title 13, California Code of Regulations, (13 CCR) Sections 1965 (labeling), 1968.1 or 1968.1(m)(6.2) (on-board diagnostic systems; full or partial compliance), 2035 et seq. (emission control warranty), 2235 (fuel tank fill pipes and openings), and "High-Altitude Requirements" and "Inspection and Maintenance Emission Standards" (California Exhaust Emission Standards and Test Procedures for 2001 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles).

Vehicles certified under this Executive Order shall conform to all applicable California emission regulations. The Bureau of Automotive Repair will be notified by copy of this Executive Order.

Executed at El Monte, California on this 30 day of October 2001

R. B. Summerfield, Chief Mobile Source Operations Division